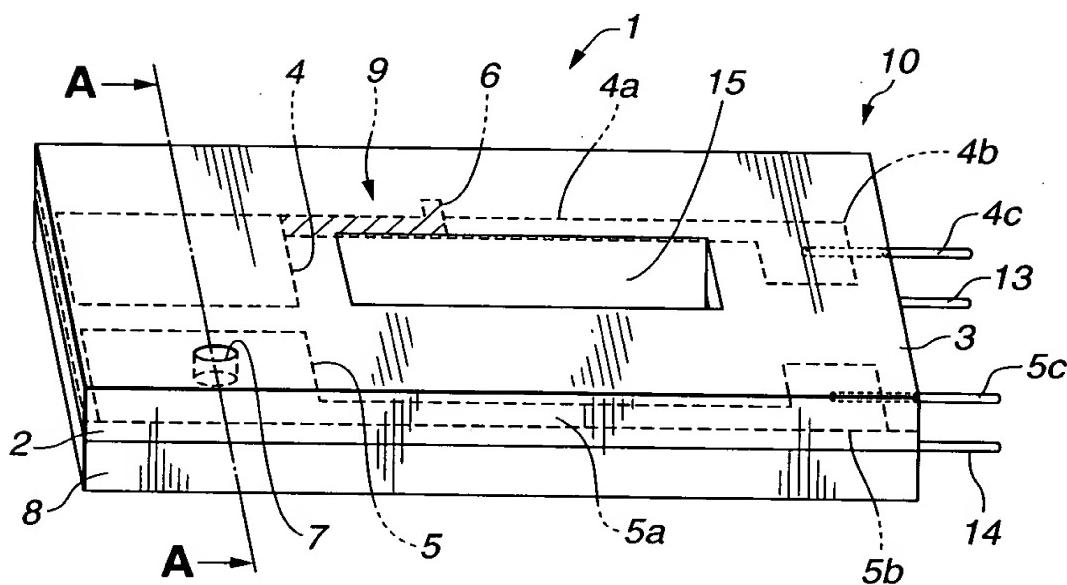
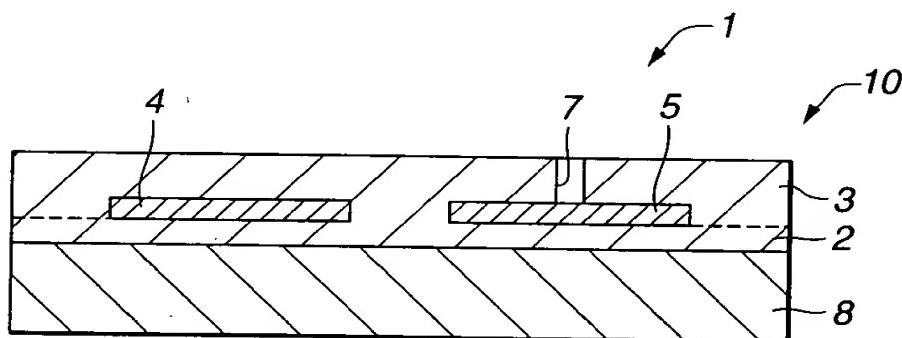


**FIG.1**

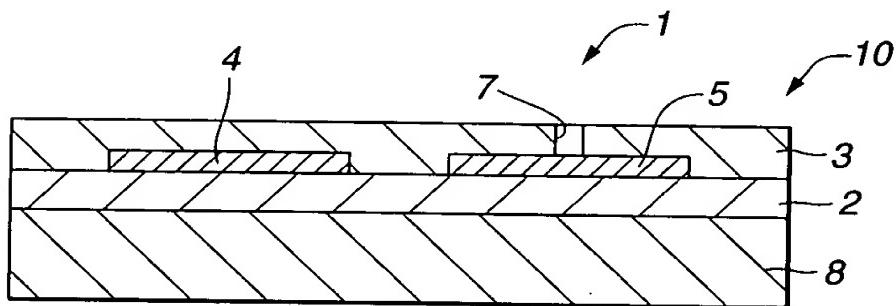


**FIG.2**



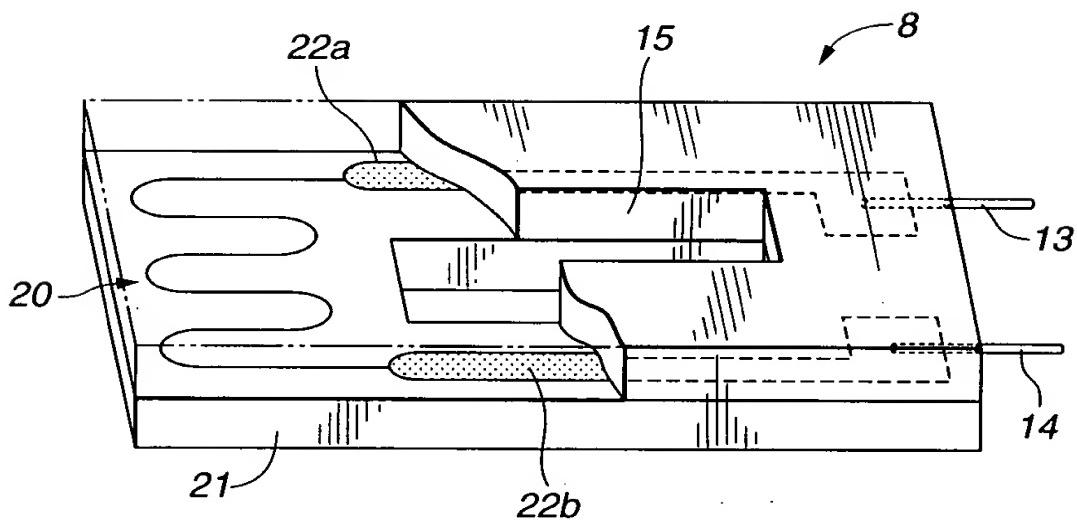
CROSS SECTION A-A

**FIG.3**

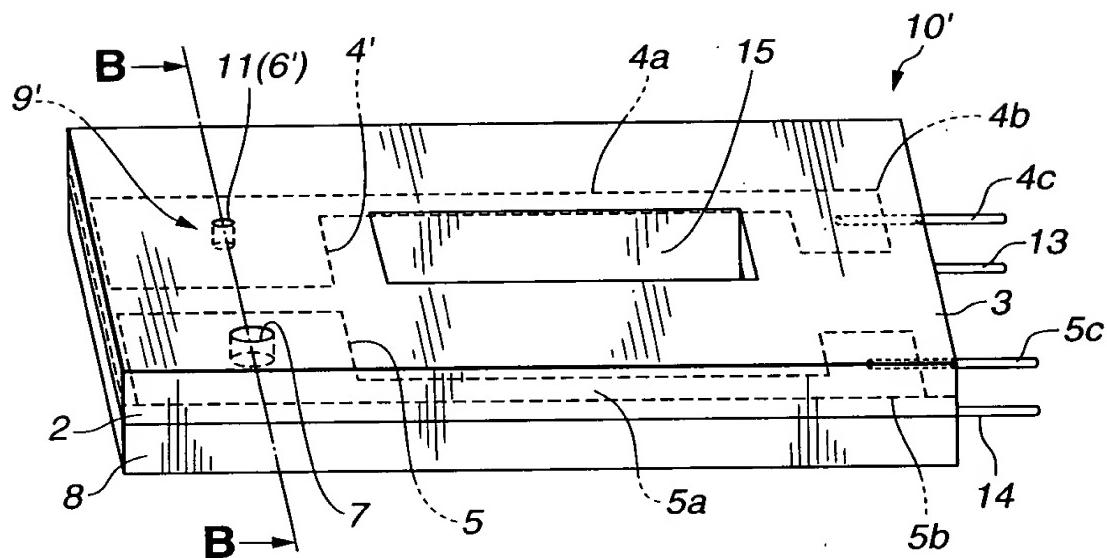


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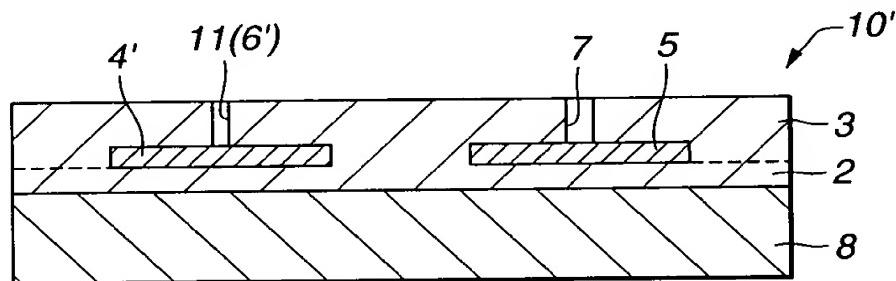
## FIG.4



## FIG.5(a)

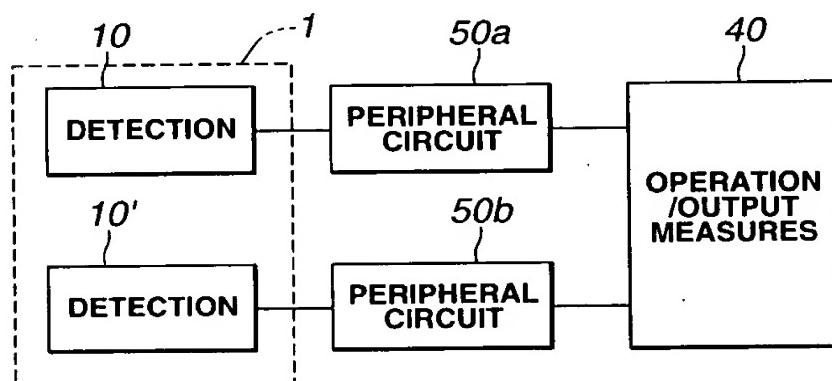


## FIG.5(b)



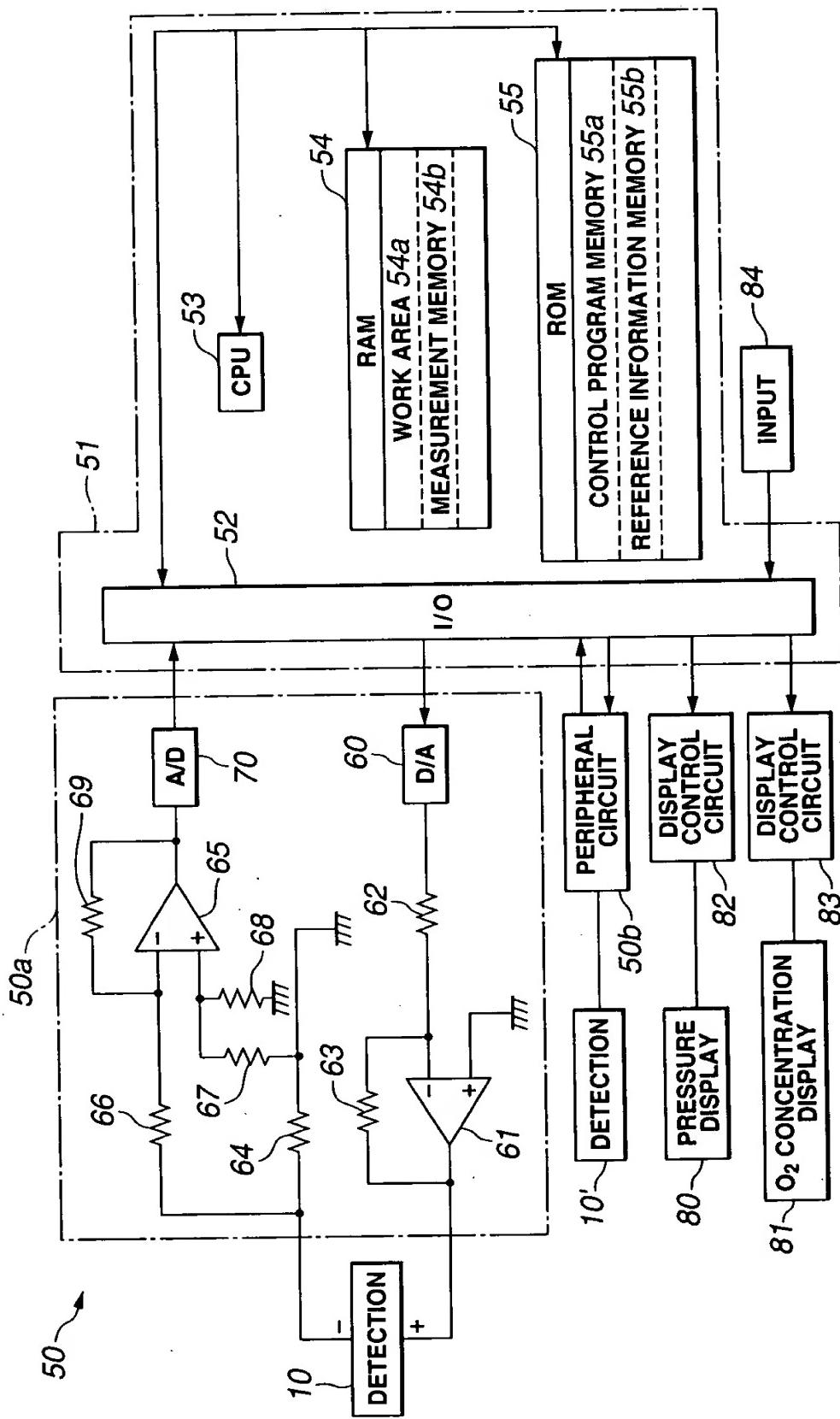
CROSS SECTION B-B

## FIG.6

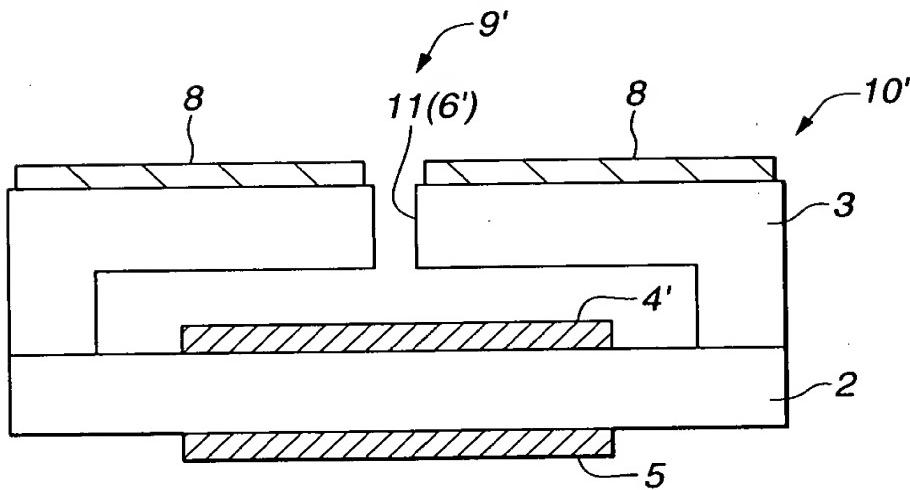


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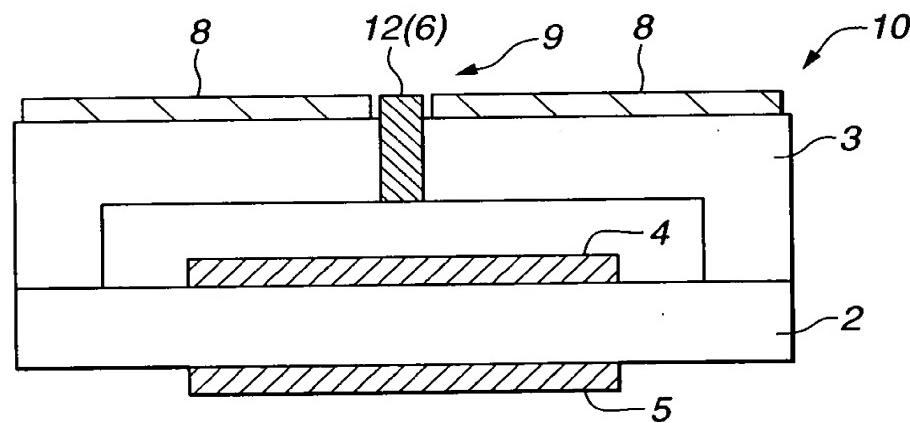
FIG. 7



## FIG.8(a)



## FIG.8(b)



## FIG.9

$O_2 \text{ CONCENTRATION} = CO'$				
PUMP CURRENT	$I_1$	$I_2$	$I_3$	.....
PRESSURE	$P_1$	$P_2$	$P_3$	.....

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## FIG.10(a)

210

PUMP CURRENT	I'1	I'2	I'3	.....
O <sub>2</sub> CONCENTRATION (CO <sub>1</sub> )	CO <sub>11</sub>	CO <sub>12</sub>	CO <sub>13</sub>	.....

## FIG.10(b)

212

PUMP CURRENT	I <sub>1</sub>	I <sub>2</sub>	I <sub>3</sub>	.....
O <sub>2</sub> CONCENTRATION (CO <sub>2</sub> )	CO <sub>21</sub>	CO <sub>22</sub>	CO <sub>23</sub>	.....

## FIG.10(c)

214

CO <sub>1</sub> ΔCO	CO <sub>11</sub>	CO <sub>12</sub>	CO <sub>13</sub>	.....
ΔCO <sub>1</sub>	P <sub>11</sub>	P <sub>12</sub>	P <sub>13</sub>	.....
ΔCO <sub>2</sub>	P <sub>21</sub>	P <sub>22</sub>	P <sub>23</sub>	.....
ΔCO <sub>3</sub>	P <sub>31</sub>	P <sub>32</sub>	P <sub>33</sub>	.....
⋮	⋮	⋮	⋮	⋮

$\Delta CO = CO_1 - CO_2$

## FIG.10(d)

216

I' ΔI	I'1	I'2	I'3	.....
ΔI <sub>1</sub>	P <sub>11</sub>	P <sub>12</sub>	P <sub>13</sub>	.....
ΔI <sub>2</sub>	P <sub>21</sub>	P <sub>22</sub>	P <sub>23</sub>	.....
ΔI <sub>3</sub>	P <sub>31</sub>	P <sub>32</sub>	P <sub>33</sub>	.....
⋮	⋮	⋮	⋮	⋮

$\Delta I = I'_1 - I'_2$

## FIG.11(a)

220

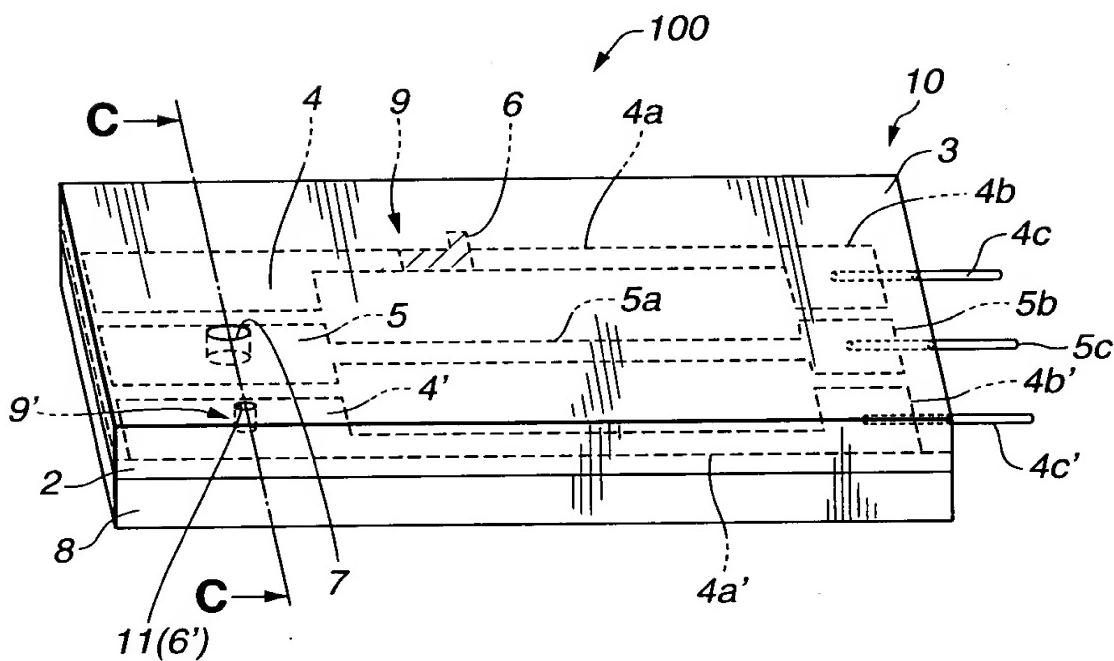
$\frac{P}{CO}$	$P_1$	$P_2$	$P_3$	.....
$CO_1$	$I'_{11}$	$I'_{12}$	$I'_{13}$	.....
$CO_2$	$I'_{21}$	$I'_{22}$	$I'_{23}$	.....
$CO_3$	$I'_{31}$	$I'_{32}$	$I'_{33}$	.....
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

## FIG.11(b)

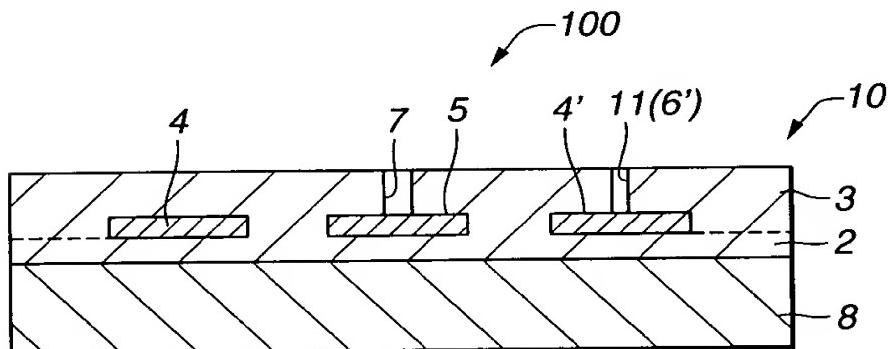
222

$\frac{P}{CO}$	$P_1$	$P_2$	$P_3$	.....
$CO_1$	$I_{11}$	$I_{12}$	$I_{13}$	.....
$CO_2$	$I_{21}$	$I_{22}$	$I_{23}$	.....
$CO_3$	$I_{31}$	$I_{32}$	$I_{33}$	.....
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

**FIG.12(a)**



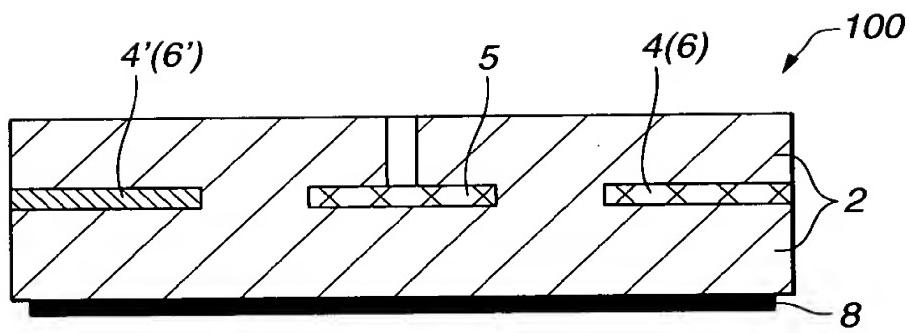
**FIG.12(b)**



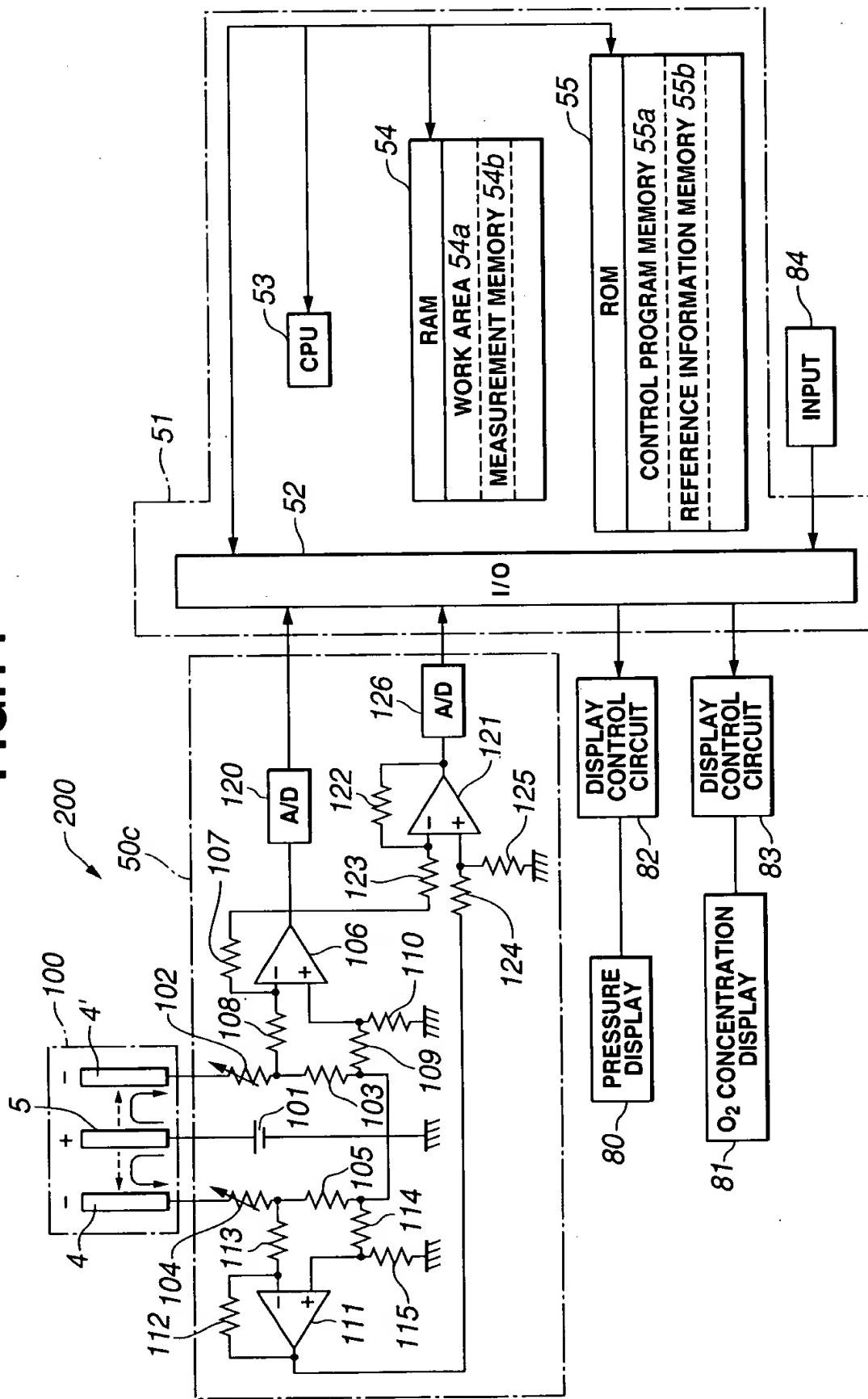
CROSS SECTION C-C

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**FIG.13**

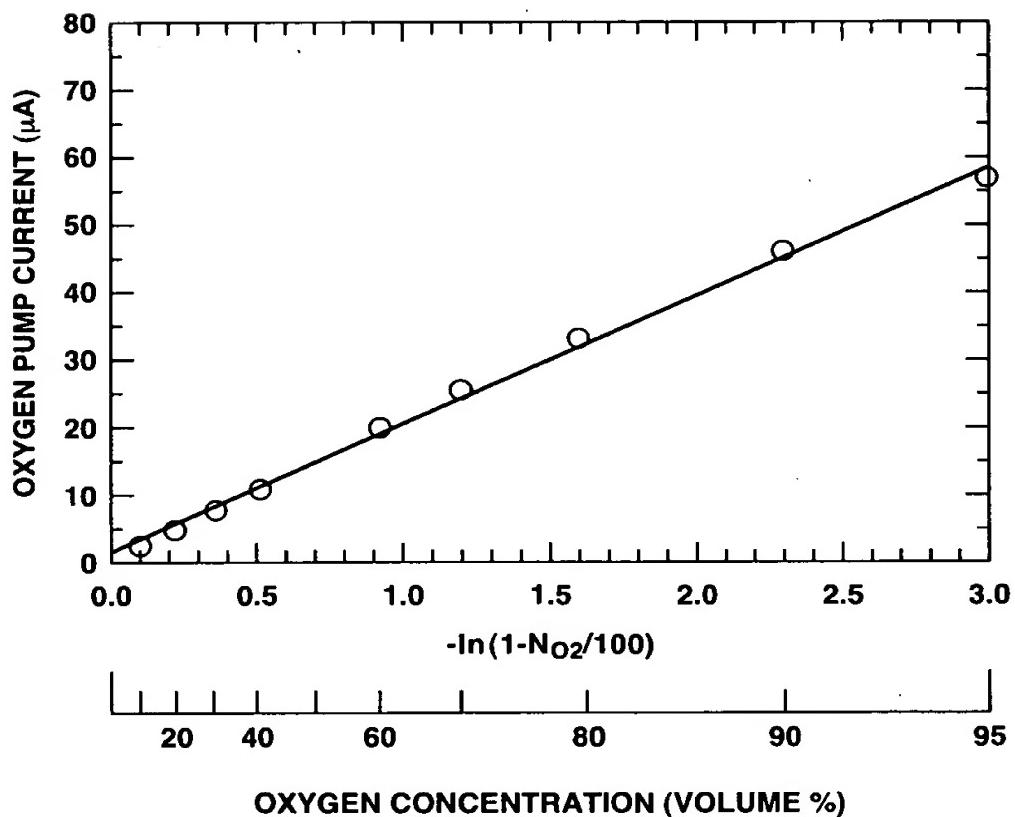


**FIG.14**



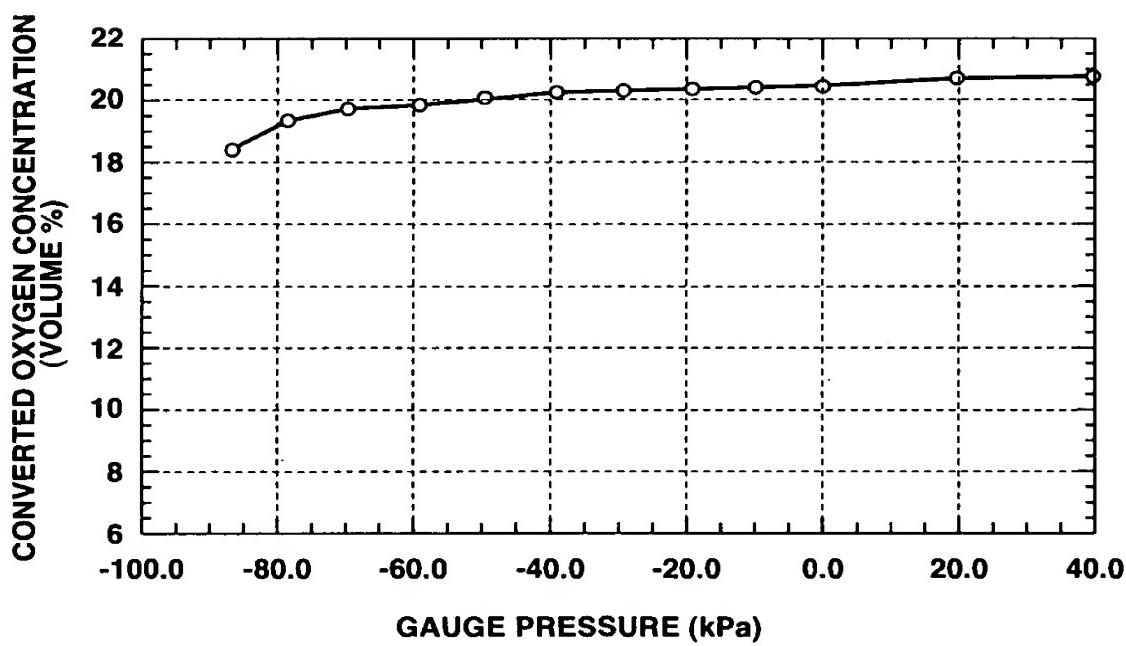
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**FIG.15**

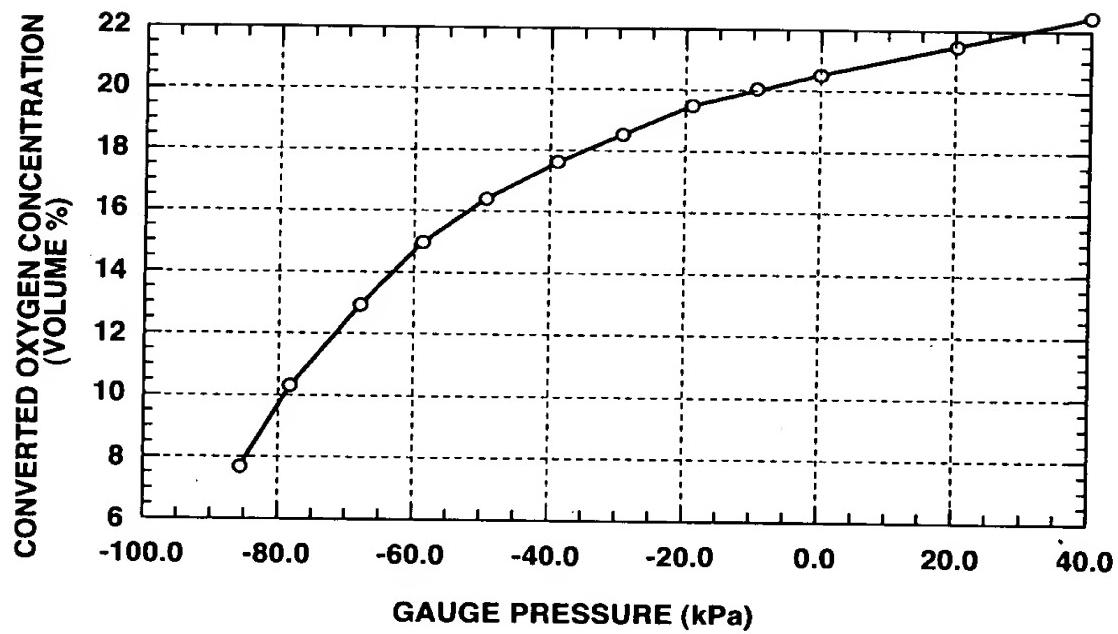


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**FIG.16**



**FIG.17**



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**FIG.18**

